

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An electronic circuit, comprising:

a first circuit unit through which a first current having a first current level passes;

a switching element mutually connected to a plurality of transistors in the first circuit unit;

a capacitor element to store a quantity of electric charge corresponding to the first current level; and

a second circuit unit to generate a second current having a second current level different from the first current level on the basis of the quantity of electric charge stored in the capacitor element,

at least one of the first circuit unit and the second circuit unit includes a plurality of transistors connected in series or in parallel,

respective gates of the transistors being mutually connected,

each of the at least one of the first circuit unit and the second circuit unit having the plurality of transistors having the same driving capability, and

the first circuit unit and the second circuit unit constituting a current mirror circuit, circuit through the capacitor element by turning on the switching element.

- 2-3. (Canceled)

4. (Previously Presented) The electronic circuit according to Claim 1,

the first circuit unit includes a plurality of transistors connected in parallel, and the second circuit unit includes a plurality of transistors connected in series.

5. (Previously Presented) The electronic circuit according to Claim 1,

the first circuit unit includes a plurality of transistors connected in series, and
the second circuit unit includes a plurality of transistors connected in parallel.

6. (Withdrawn-Currently Amended) An electronic circuit comprising:

a first circuit unit through which a first current having a first current level
passes; and

a switching element mutually connected to a plurality of transistors in the first
circuit unit; and

a capacitor element to store a quantity of electric charge corresponding to the
first current level,

the first circuit unit includes a plurality of transistors controlled by a control
the switching element whether they are electrically connected in series or electrically
connected in parallel,

the first circuit unit generating a second current having a second current level
different from the first current level on the basis of the quantity of electric charge stored in the
capacitor-element. element by turning on the switching element.

7. (Withdrawn) The electronic circuit according to Claim 6, the plurality of
transistors being electrically connected in parallel when the capacitor element stores a
quantity of electric charge corresponding to the first current level, and the plurality of
transistors being electrically connected in series when the first circuit unit generates a second
current on the basis of the quantity of electric charge stored in the capacitor element.

8. (Previously Presented) The electronic circuit according to Claim 1, the
plurality of transistors being formed in a bundle.

9. (Original) The electronic circuit according to Claim 1, the first current level
being higher than the second current level.

10. (Original) The electronic circuit according to Claim 1, the second current level being higher than the first current level.

11. (Original) The electronic circuit according to Claim 1, further comprising:
electronic elements supplied with the second current.

12. (Original) The electronic circuit according to Claim 11, the electronic elements being electro-optical elements or current-driven elements.

13. (Original) The electronic circuit according to Claim 12, the electronic elements being organic EL elements.

14. (Currently Amended) An electronic device provided with a first signal line, a second signal line, and a plurality of unit circuits, each of the plurality of unit circuits comprising:

a switching element connected to the first signal line, an on/off state of the switching element being controlled by switching signals supplied from the first signal line;

a first circuit unit connected to the second signal line, a first current having a first current level supplied from the second signal line passing through the first circuit unit by switching on the switching element;

a capacitor element to store a quantity of electric charge corresponding to the first current level; and

a second circuit unit to generate a second current having a second current level different from the first current level on the basis of the quantity of electric charge stored in the capacitor element,

the switching element mutually connected to a plurality of transistors in the first circuit unit;

at least one of the first circuit unit and the second circuit unit includes a plurality of transistors connected in series or in parallel,

respective gates of the transistors being mutually connected,
each of the at least one of the first circuit unit and the second circuit unit
having the plurality of transistors having the same driving capability,
the first circuit unit and the second circuit unit constituting a current mirror
circuitthrough the capacitor element by turning on the switching element.

15-16. (Canceled)

17. (Previously Presented) The electronic device according to claim 14,

the first circuit unit includes a plurality of transistors connected in parallel, and
the second circuit unit includes a plurality of unit elements connected in series.

18. (Previously Presented) The electronic device according to claim 14,

the first circuit unit includes a plurality of transistors connected in series, and
the second circuit unit includes a plurality of transistors connected in parallel.

19. (Withdrawn-Currently Amended) An electronic device comprising:

a first circuit unit through which a first current having a first current level
passes;~~and~~

a switching element mutually connected to a plurality of transistors in the first
circuit unit;

a capacitor element to store a quantity of electric charge corresponding to the
first current level,

the first circuit unit includes a plurality of transistors controlled by ~~a control~~
the switching element whether they are electrically connected in series or electrically
connected in parallel,

the first circuit unit generating a second current having a second current level
different from the first current level on the basis of the quantity of electric charge stored in the
~~capacitor element~~by turning on the switching element.

20. (Withdrawn) The electronic device according to Claim 19, the plurality of transistors being electrically connected in parallel when the capacitor element stores a quantity of electric charge corresponding to the first current level, and the plurality of transistors being electrically connected in series when the first circuit unit generates a second current on the basis of the quantity of electric charge stored in the capacitor element.

21. (Previously Presented) The electronic device according to Claim 14, the plurality of transistors being formed in a bundle.

22. (Original) The electronic device according to Claim 14, the first current level being higher than the second current level.

23. (Original) The electronic device according to Claim 14, the second current level being higher than the first current level.

24. (Original) The electronic device according to Claim 14, further comprising: electronic elements supplied with the second current.

25. (Original) The electronic device according to Claim 24, the electronic elements being electro-optical elements or current-driven elements.

26. (Original) The electronic device according to Claim 25, the electronic elements including organic EL elements.

27. (Original) An electronic apparatus having mounted therein the electronic circuit according to Claim 1.

28. (Original) An electronic apparatus having mounted therein the electronic device according to Claim 14.

29. (Canceled)